	Application No.	Applicant(s)
Notice of Allowability	09/919,989	KONISHI ET AL.
	Examiner	Art Unit	
	Kimbinh T. Nguyen	2628	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *amendment filed 05/19/06*.

2. ☒ The allowed claim(s) is/are *1-11,15-24 and 28-44*.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☒ All   b) ☐ Some*   c) ☐ None   of the:

       1. ☒ Certified copies of the priority documents have been received.

       2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

       3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

       1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☐ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

DETAILED ACTION

1.   This action is responsive to amendment filed 05/19/2006.

2.   Claims 1-11, 15-24, 28-44 are allowed.

Allowable Subject Matter

3.   The following is an examiner's statement of reasons for allowance:

Claims 1, 15, the prior art does not teach generating a data list indicating, in time

series, a temporal transition of a position and a state of said object picked up by said

image-pick up means, with respect to a time; animating said transition of said position

and said state of said object in accordance with said data list; and displaying at least

one of said data list generated by said data processing means and said image animated

by said animating means, wherein the display means is operable to display said data list

and said animated image.

Claims 6, 8, 22, 35, 37, 38, the prior art does not teach a time-series data

processing device, comprising: generating image data by picking up an image of a

sports game, for processing said picked-up image data generated in accordance with a

predetermined format, and for storing said processed image data in said predetermined

format; connected to said data processing means comprising an instruction entering

means for entering a plurality of instructions, the interface means also receives said

processed image data in said predetermined format from said data processing means,

converts said processed image data into one of a-predetermined forms based on an

entered instruction which is a selection of one of the predetermined forms, and outputs

said convert data; connected to said interface means for displaying on a screen said

outputted data; wherein said predetermined forms comprise a chart a numerical list an image and a video and wherein said interface means is operable to convert said processed image data into each of a chart, a numerical list, an image, and a video; wherein said instruction entering means comprise: a main instruction entering level for performing a plurality of different kinds of analyses; and a common instruction entering level to be utilized commonly for said plurality of different kinds of analyses.

Claim 20, the prior art does not teach a method of processing data in time-series, comprising: generating image data by visually recording a sports game; processing said generated image data in accordance with a predetermined format; storing said processed data in said predetermined format; entering a plurality of instructions; converting said processed data into a predetermined form in accordance with said entered instructions; and displaying said converted data, wherein when said entered instruction is a first type of instruction, said processed image data that is the image data generated from visually recording the sports game is converted into a graph, when said entered instruction is a second type of instruction, said processed image data is converted into a chart, when said entered instruction is a third type of instruction, said processed image data is converted into a list, when said entered instruction is a fourth type of instruction, said processed image data is converted into an image or a video.

Claims 28, 29, the prior art does not teach generating a data list from the recorded temporal image data of the specific object, said data list comprising position coordinates of said object and flags indicating a state of said object at a plurality of points in time;

analyzing said data list based on instruction from a user to determine desired output;

and displaying said desired output in a desired format chosen from a plurality of

formats, said plurality of formats comprise a chart, a graph, a numeric list, and a video;

wherein the position coordinates of the data list are analyzed to determine speed of the

object.

Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

4.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Kimbinh T. Nguyen whose telephone number is (571)

272-7644. The examiner can normally be reached on Monday to Thursday from 7:00

AM to 4:30 PM. The examiner can also be reached on alternate Friday from 7:00 AM to
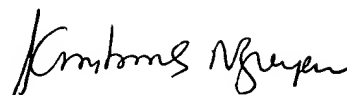
3:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Michael Razavi can be reached at (571) 272-7664. The fax phone number

for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

July 17, 2006

KIMBINH T. NGUYEN
PRIMARY EXAMINER